

a2 4. (Amended) A method according to claim 1, wherein the first TFT functions as a switching TFT, the second TFT functions as an EL driver TFT, and the third TFT functions as an erasing TFT.

5. (Amended) A method of driving an EL display device including a plurality of pixels, each having a first TFT, a second TFT, a third TFT, and an organic EL element, the method comprising:

dividing the frame period into  $n + m$  display periods (where  $n$  and  $m$  are both natural numbers), wherein the  $n + m$  display periods each correspond to one bit of a digital video signal among  $n$  bits of the digital video signal, a plurality of display periods, among the  $n + m$  display period correspond to the most significant bit of the digital video signal, and other display periods corresponding to other bits of the digital video signal, among the  $n + m$  display periods, appear between the plurality of display periods;

for each of the  $n + m$  display periods, inputting the corresponding bit of the digital video signal to a gate electrode of the second TFT by turning on the first TFT and beginning the respective display period by turning off the third TFT; and

after each of the  $n + m$  display periods begins, completing the respective display period by beginning another display period or by turning on the third TFT;

wherein the organic EL element emits light when the second TFT is turned on, and does not emit light when the second TFT is turned off.

a3 8. (Amended) A method according to claim 5, wherein the first TFT functions as a switching TFT, the second TFT functions as an EL driver TFT, and the third TFT functions as an erasing TFT.

9. (Amended) A method of driving an EL display device including a plurality of pixels, each having a first TFT, a second TFT, a third TFT, and an organic EL element, the method comprising: .

Q3 dividing a frame period into  $n + m$  display periods (where  $n$  and  $m$  are both natural numbers), wherein the  $n + m$  display periods each correspond to one bit of a digital video signal among  $n$  bits of the digital video signal, upper bits of the digital video signal correspond to a plurality of display periods among the  $n + m$  display periods, and other display periods corresponding to other bits of the digital video signal, among the  $n + m$  display periods, appear between the plurality of display periods;

for each of the  $n + m$  display periods, inputting the corresponding bit of the digital video signal to a gate electrode of the second TFT by turning on the first TFT and beginning the respective display period by turning off the third TFT; and

after each of the  $n + m$  display periods begins, completing the respective display period by beginning another display period, or by turning on the third TFT;

wherein the organic EL element emits light when the second TFT is turned on, and does not emit light when the second TFT is turned off.

Q4 12. (Amended) A method according to claim 9, wherein the first TFT functions as a switching TFT, the second TFT functions as an EL driver TFT and the third TFT functions as an erasing TFT.

13. (Amended) A method of driving an EL display device including a plurality of pixels, each having a first TFT, a second TFT and an organic EL element, the method comprising:

dividing a frame period into  $n + m$  display periods (where  $n$  and  $m$  are both natural numbers), wherein the  $n + m$  display periods each correspond to one bit of a digital video signal among  $n$  bits of the digital video signal, a plurality of display periods, among the  $n + m$  display periods, correspond to the same bit of the digital video signal, and other display periods corresponding to other bits of the digital video signal, among the  $n + m$  display periods, appear between the plurality of display periods;

for each of the  $n + m$  display periods, inputting the corresponding bit of the digital video signal to a gate electrode of the second TFT by turning on the first TFT; and

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after each of the  $n + m$  display periods begins, completing the respective display period by beginning another display period;

wherein the organic EL element emits light when the second TFT is turned on, and does not emit light when the second TFT is turned off.

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16. (Amended) A method according to claim 13, wherein the first TFT functions as a switching TFT and the second TFT functions as an EL driver TFT.

17. (Amended) A method of driving an EL display device including a plurality of pixels, each having a first TFT, a second TFT, and an organic EL element, the method comprising:

dividing a frame period into  $n + m$  display periods (where  $n$  and  $m$  are both natural numbers), wherein the  $n + m$  display periods each correspond to one bit of a digital video signal among  $n$  bits of the digital video signal, a plurality of display periods, among the  $n + m$  display periods, correspond to the most significant bit of the digital video signal, and other display periods corresponding to other bits of the digital video signal, among the  $n + m$  display periods, appear between the plurality of display periods;

for each of the  $n + m$  display periods, inputting the corresponding bit of the digital video signal to a gate electrode of the second TFT by turning on the first TFT; and

after each of the  $n + m$  display periods begins, completing the respective display period by beginning of another display period;

wherein the organic EL element emits light when the second TFT is turned on and does not emit light when the second TFT is turned off.

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20. (Amended) A method according to claim 17, wherein the first TFT functions as a switching TFT and the second TFT functions as an EL driver TFT.

26 21. (Amended) A method of driving an EL display device including a plurality of pixels, each having a first TFT, a second TFT, and an organic EL element, the method comprising:

dividing a frame period into  $n + m$  display periods (where  $n$  and  $m$  are both natural numbers), wherein the  $n + m$  display periods each correspond to one bit of a digital video signal among  $n$  bits of the digital video signal, upper bits of the digital video signal correspond to a plurality of display periods among the  $n + m$  display periods, and other display periods corresponding to other bits of the digital video signal, among the  $n + m$  display periods, appear between the plurality of display periods;

for each of the  $n + m$  display periods, inputting the corresponding bit of the digital video signal to a gate electrode of the second TFT by turning on the first TFT; and

after each of the  $n + m$  display periods begins completing the respective display period by beginning another display period;

wherein the organic EL element emits light when the second TFT is turned on and does not emit light when the second TFT is turned off.

27 24. (Amended) A method according to claim 21, wherein the first TFT functions as a switching TFT and the second TFT functions as an EL driver TFT.